AMENDMENTS TO THE CLAIMS

1. (Original) A check valve comprising:

a valve plate having an inlet hole that draws in a low pressure fluid by an open-and-shut operation driven by a piston movement, and a discharging hole that discharges a high pressure fluid through an open-close operation; and

a check valve shaped in a helical plate spring structure coupled with the inlet hole and discharging hole of the valve plate.

2. (Canceled)

3. (Canceled)

4. (Currently Amended) The check valve of claim 1, wherein the check valve is structured in a stair shape of which the width becomes narrower as ~~going up to upper part from below part~~ distance from the hole increases.

5. (Original) The check valve of claim 4, wherein each floor of the check valve is opened by a pressure of an outside fluid that has been generated by the piston movement.

6. (Original) The check valve of claim 1, wherein the fluid is a refrigerant.

7. (Canceled)

8. (Original) A check valve shaped in helical plate spring shape to prevent a flow of the fluid when the fluid flows in one direction by maintaining a pressured state as the parts of the check valve overlaps, and in case the fluid flows in the other direction, the valve is stretched out to promote the fluid to flow in.

9. (Original) The check valve of claim 8, wherein helix shape of the helical plate spring check valve is at least one of circular helix shape, triangular helix shape and rectangular helix shape.

10. (Canceled)